Hammad Ali

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Profile

Highly motivated and results-oriented Software Development Engineer with 2+ years of experience in designing, developing, and maintaining scalable and secure software systems. Proven ability to leverage cutting-edge technologies like AI, Machine Learning, and Blockchain to build innovative and impactful applications. Adept at collaborating with cross-functional teams and delivering high-quality results in fast-paced environments. Strong problem-solving skills and a passion for continuous learning and improvement.

Education

Jamia Millia Islamia University - Computer Science and Engineering | CGPA: 3.8
07-2019 – 05-2023 | New Delhi, India

Projects

ASHOKA: AI-Powered Legal Access Mobile App | github.com/firozuddingauhar/ASHOKA

Technologies: Mobile Development, AI, Embeddings, Vector Databases, Blockchain

- Developed a cross-platform mobile application providing seamless multilingual legal assistance.

- Implemented an AI-driven legal assistant using embeddings and vector databases for efficient information retrieval.

- Integrated blockchain technology to ensure secure user data management.

- Designed and implemented a real-time dashboard for users to track legal matters.

LUFY: Multilingual Legal Document Summarizer |
github.com/firozuddingauhar/LUFY-Law_Understandable_For_You

Technologies: Python, Flask, PEFT, Hugging Face Transformers, Google Translate API, PyPDF2, docx, HTML, CSS, JavaScript

- Built a multilingual platform simplifying legal documents for non-English speakers.

- Implemented abstractive and extractive summarization using a fine-tuned BART model.

- Integrated Google Translate API for multi-language support (Hindi, Gujarati, Marathi, etc.).

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Developed a user-friendly interface for easy document upload and summary generation.

HackJMI Website | github.com/firozuddingauhar/hackjmi

Technologies: React, Tailwind CSS, Firebase, GraphQL, React-Router, React-Hook-Form, @headlessui/react

- Developed a comprehensive website for a 48-hour hackathon.

- Implemented interactive components: team/sponsor displays, countdown timer, contact form.

- Utilized GraphQL for efficient data handling and a user-friendly experience.

Skills

- Programming Languages: Python, Java, C, C++, JavaScript

- Machine Learning: Deep Learning, Reinforcement Learning, NLP, Neural Networks, NumPy, PyTorch, Scikit-learn, LightGBM, Hugging Face Transformers

- Web Development: React, Tailwind CSS, Flask, GraphQL, HTML, CSS, Firebase

- Databases: Vector Databases

- Other: Blockchain, Data Structures and Algorithms, Agile Methodologies, API Integration, Data Augmentation, Feature Engineering, Ensemble Methods

Achievements

- Solved 526 problems on LeetCode with a 37.04% acceptance rate.

- Successfully completed multiple Kaggle competitions focused on Machine Learning.

- Developed and deployed multiple successful projects showcasing expertise in various domains.